

selection instrument which switches temporally a first chrominance signal obtained by said first color correction, and a second chrominance signal obtained by said second color correction, and selects either; and

display instrument which displays the chrominance signal, which is selected, in said pixel.

[0026]

In addition, the second present invention is a display apparatus which makes one pixel displayable in four colors, that is, three primary colors and a white color, inputs chrominance signals corresponding to a mixing ratio of said four colors, and displays them without decreasing the number of colors, comprising:

color correction instrument which performs a first color correction of increasing saturation of said chrominance signals and a second color correction of increasing a white color component of said chrominance signals, when a predetermined color component exists in said chrominance signals corresponding to said pixel;

height generation instrument which gives, when there is a region where a plurality of pixels having said predetermined color component exist adjacently, at least height difference in saturation to said region by selecting either of said first chrominance signals and said second chrominance signals for every pixel of said region according to a predetermined pattern for selecting said first chrominance signals obtained by said first color correction, and said second chrominance signals obtained by said second color correction in turn for every one pixel or a plurality of adjacent pixels; and

a color correction step of performing a first color correction of increasing the saturation of said chrominance signals and a second color correction of increasing a white color component of said chrominance signals, when a predetermined color component exists in said chrominance signals corresponding to said pixel;

a selection step of switching temporally a first chrominance signal obtained by said first color correction, and a second chrominance signal obtained by said second color correction, and selecting either; and

a display step of displaying the chrominance signal, which is selected, in said pixel.

[0034]

Furthermore, the tenth present invention is a display method of making one pixel displayable in four colors, that is, three primary colors and a white color, and inputting chrominance signals corresponding to a mixing ratio of said four colors, and displaying them without decreasing the number of colors, comprising:

a color correction step of performing a first color correction of increasing saturation of said chrominance signals and a second color correction of increasing a white color component of said chrominance signals, when a predetermined color component exists in said chrominance signals corresponding to said pixel;

a height generation step of giving, when there is a region where a plurality of pixels having said predetermined color component exist adjacently, at least height difference in saturation to said region by selecting either of said first chrominance signals and said second chrominance signals for every pixel of said region according to a predetermined pattern for selecting said first chrominance signals obtained by said first color correction, and said second chrominance signals obtained by said second color correction in turn for every one pixel or a plurality of adjacent pixels; and

a display step of displaying said region where at least the height difference in saturation is given.

[0035]

In addition, the eleventh present invention is a program for making a computer function as color correction instrument which performs the first color correction of increasing the saturation of said chrominance signals and the second color correction of increasing a white color component of said chrominance signals, when a predetermined color component exists in said chrominance signals corresponding to said pixel, and

selection instrument which switches temporally a first chrominance signal obtained by said first color correction, and a second chrominance signal obtained by said second color correction, and selects either, in the display apparatus according to the first present invention.

[0036]

In addition, the twelfth present invention is a program for making a computer function as:

color correction instrument which performs a first color correction of increasing saturation of said chrominance signals and a second color correction of increasing a white color component of said chrominance signals, when a predetermined color component exists in said chrominance signals corresponding to said pixel; and

height generation instrument which gives, when there is a region where a plurality of pixels having said predetermined color component exist adjacently, at least height difference in saturation to said region by selecting either of said first chrominance signals and said second chrominance signals for every pixel of said region according to a predetermined pattern for selecting said first chrominance signals obtained by said first color correction, and said second chrominance signals obtained by said second color correction in turn for every one pixel or a plurality of adjacent pixels in the display apparatus according to the second present invention.

[0037]

In addition, the thirteenth present invention is a recording medium which bears the program according to the eleventh or the twelfth present invention and can be processed by a computer.

[0038]

Moreover, the fourteenth present invention is a display apparatus which makes one pixel displayable in